App. No. 10/065,185
Amendment B
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Amendments to the Claims

Claim 23 (Currently Amended): ~~An apparatus~~ A redundant bus
controller (RBC) for controlling access to a bus, comprising:
a peer coupling configured to communicate state information
of the RBC to another bus controller for coordinating control of
a bus between a plurality of system hosts;
a control and status register configured to retain the state
information of the RBC; and
a sequencer configured to transition the state of the
~~apparatus~~ RBC according to the state information retained in the
control and status register.

Claim 24 (Currently Amended): The ~~apparatus~~ redundant bus
controller as claimed in claim 23, further comprising[[:]]
a register interface coupled with an arbiter.

Claim 25 (Currently Amended): The ~~apparatus~~ redundant bus
controller as claimed in claim 24, wherein the ~~register interface~~
~~includes an~~ arbiter ~~state~~ is configured to define the state of
the RBC.

Claim 26 (New): The redundant bus controller as claimed in
claim 24, further comprising an external bus interface to provide
software access to the register interface.

Claim 27 (New): The redundant bus controller as claimed in
claim 23, wherein the RBC is coupled to the bus and is configured
to transition into and out of control to allow a system host to
control the bus.

Claim 28 (New): The redundant bus controller as claimed in claim 27, wherein the RBC is configured to allow a system host to control a peripheral device on the bus.

Claim 29 (New): The redundant bus controller as claimed in claim 23, wherein the RBC is configured to coordinate control of the bus by the plurality of system hosts.

Claim 30 (New): The redundant bus controller as claimed in claim 29, wherein the RBC is configured to coordinate control of the bus in the event of failure of one of the plurality of system hosts.

Claim 31 (New): The redundant bus controller as claimed in claim 23, wherein the peer coupling is configured to allow the RBC to signal a disconnecting state to the other bus controller.